

Cable drum Ø 500mm

PUR 0.25+1.0 shielded vt drag ch. 500m

Cable drum (500 m)  
PUR (UL/CSA), welding spark  
4× 0.34 mm²  
orange  
suitable for C-tracks  
5 Mio.  
Suitable for robots  
±360°/m

Link to Product

Illustration



Product may differ from Image

| Commercial data           |                                                           |
|---------------------------|-----------------------------------------------------------|
| ECLASS-6.0                | 27062011                                                  |
| ECLASS-6.1                | 27061801                                                  |
| ECLASS-7.0                | 27061801                                                  |
| ECLASS-8.0                | 27061801                                                  |
| ECLASS-9.0                | 27061801                                                  |
| ECLASS-10.1               | 27061801                                                  |
| ECLASS-11.1               | 27061801                                                  |
| ECLASS-12.0               | 27061801                                                  |
| ETIM-5.0                  | EC001855                                                  |
| customs tariff number     | 85444995                                                  |
| GTIN                      | 4048879403672                                             |
| Packaging unit            | 1                                                         |
| Installation   Cable      |                                                           |
| Cable identification      | 815                                                       |
| Function cable            | Hybrid, Signal, Data                                      |
| Jacket Color              | violet                                                    |
| Amount stranding          | 3                                                         |
| Stranding                 | 2 wires with twisted                                      |
| Amount stranding (type 2) | 1                                                         |
| Stranding (type 2)        | 3 wires with 3 Stranded joints around Core filler twisted |
| Cable shielding (type)    | copper braiding, bare                                     |

|                                                   |                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------|
| Banding                                           | Fleece, Foil                                                           |
| Filler                                            | yes                                                                    |
| wire arrangement                                  | red, (green, yellow), blue, (gray, pink), green-yellow, (white, brown) |
| Cable weighth                                     | 101,2 g/m                                                              |
| Material jacket                                   | PUR                                                                    |
| Freedom from ingredients (jacket)                 | lead-free, CFC-free, halogen-free                                      |
| Outer-diameter (jacket)                           | 8,5 mm                                                                 |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                                  |
| Material wire insulation                          | Polyolefin                                                             |
| Amount wires                                      | 3                                                                      |
| Outer diameter insulation                         | 1,7 mm                                                                 |
| Outer diameter tolerance core insulation          | ± 5 %                                                                  |
| Ingredient freeness wire insulation               | lead-free, CFC-free, halogen-free                                      |
| Amount strands (wire)                             | 56                                                                     |
| Diameter of single wires                          | 0,15 mm                                                                |
| Conductor crossection (wire)                      | 1 mm <sup>2</sup>                                                      |
| Material conductor wire                           | Stranded copper wire, bare                                             |
| Conductor type (wire)                             | strand class 6                                                         |
| Material wire insulation (Data)                   | Polyolefin                                                             |
| Outer diameter wire insulation (Data)             | 1,3 mm                                                                 |
| Tolerance outer diameter wire insulation (data)   | ± 5 %                                                                  |
| Ingredient freeness wire insulation (Data)        | lead-free, CFC-free, halogen-free                                      |
| Amount wires (Data)                               | 6                                                                      |
| Amount strands wire (Data)                        | 19                                                                     |
| Diameter of single wires (Data)                   | 24 AWG                                                                 |
| Conductor crossection wire (Data)                 | 24 AWG                                                                 |
| Material conductor wire (Data)                    | Stranded copper wire, bare                                             |
| Nominal voltage AC max.                           | 250 V                                                                  |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                                      |
| Current load capacity min. wire                   | 9,8 A                                                                  |
| Current load capacity min. Wire (Data)            | 3 A                                                                    |
| Characteristic impedance                          | 95 Ω ± 16 % @ 1 MHz                                                    |
| Electrical resistance line constant wire          | 19,5 Ω/km @ 20 °C                                                      |
| Electrical resistance coating wire (Data)         | 69,2 Ω/km @ 20 °C                                                      |
| AC withstand voltage (wire - wire)                | 1,5 kV @ 60 s                                                          |
| Electric capacitance                              | 6000 pF/km                                                             |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s                                                          |
| AC withstand voltage (wire - shield)              | 1 kV @ 60 s                                                            |
| Isolation resistance                              | 5000 MΩ × km                                                           |
| Loop resistance                                   | 159,8 Ω/km                                                             |
| Min. operating temperature (static)               | -40 °C                                                                 |
| Max. operating temperature (fixed)                | 80 °C                                                                  |
| Operating temperature min. (dynamic)              | -30 °C                                                                 |
| Operating temperature max. (dynamic)              | 70 °C                                                                  |
| Storage temperature min.                          | -40 °C                                                                 |
| Storage temperature max.                          | 80 °C                                                                  |
| Flame resistance                                  | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090                    |
| chemical resistance                               | Good, application-related testing                                      |
| Gasoline resistance                               | Good, application-related testing                                      |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing                   |
| Bending radius (fixed)                            | 8 x Outer diameter                                                     |
| Bending radius (dynamic)                          | 15 x Outer diameter                                                    |
| No. of bending cycles (C-track)                   | 5 Mio. @ 25 °C                                                         |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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|                               |               |
|-------------------------------|---------------|
| Traversing distance (C-track) | 4,5 m @ 25 °C |
| Travel speed (C-track)        | 3 m/s @ 25 °C |